```
=> file casreact
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                               ENTRY       SESSION
FULL ESTIMATED COST                           139.99       140.20
```

FILE 'CASREACT' ENTERED AT 13:05:19 ON 08 MAY 2007
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
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Copyright of the articles to which records in this database refer is
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for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 5 May 2007 VOL 146 ISS 20

New CAS Information Use Policies, enter HELP USAGETERMS for details.

```
*****************************************************************
*                                                               *
*      CASREACT now has more than 12 million reactions          *
*                                                               *
*****************************************************************
```

Some CASREACT records are derived from the ZIC/VINITI database (1974-1999)
provided by InfoChem, INPI data prior to 1986, and Biotransformations
database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance
identification.

```
=>
Uploading C:\Program Files\Stnexp\Queries\10 series\10582283.10582419\2MAY.8.2007.str
```
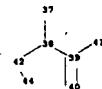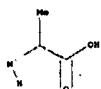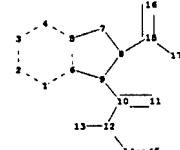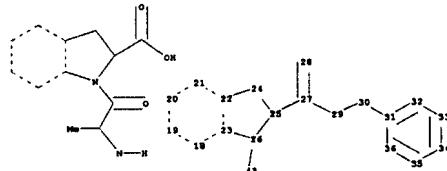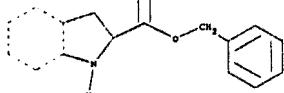


```
chain nodes :
10  11  12  13  14  15  16  17  27  28  29  30  37  38  39  40  41  42  43  44  45
ring nodes :
1  2  3  4  5  6  7  8  9  18  19  20  21  22  23  24  25  26  31  32  33  34  35  36
```

Compounds - May 8, 2007

chain bonds :
8-15 9-10 10-11 10-12 12-13 12-14 14-45 15-16 15-17 25-27 26-43 27-28 27-29
29-30 30-31 37-38 38-39 38-42 39-40 39-41 42-44
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 18-19 18-23 19-20 20-21 21-22
22-23 22-24 23-26 24-25 25-26 31-32 31-36 32-33 33-34 34-35 35-36
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 9-10 10-11 12-14 18-19 18-23 19-20
 20-21 21-22 22-23 22-24 23-26 24-25 25-26 27-28 27-29 38-42
exact bonds :
8-15 10-12 12-13 14-45 25-27 26-43 29-30 30-31 37-38 38-39 42-44
normalized bonds :
15-16 15-17 31-32 31-36 32-33 33-34 34-35 35-36 39-40 39-41

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:CLASS
38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS 44:CLASS 45:CLASS
fragments assigned product role:
containing 1
fragments assigned reactant/reagent role:
containing 18
containing 37
node mappings:
9:26 8:25 10:39 12:38 14:42

L3   STRUCTURE UPLOADED

=> d
L3 HAS NO ANSWERS
L3   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
FULL SEARCH INITIATED 13:05:49 FILE 'CASREACT'
SCREENING COMPLETE -   616 REACTIONS TO VERIFY FROM   61 DOCUMENTS

100.0% DONE   616 VERIFIED   58 HIT RXNS   23 DOCS
SEARCH TIME: 00.00.01

L4   23 SEA SSS FUL L1 (58 REACTIONS)

=> log y
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                 ENTRY   SESSION
FULL ESTIMATED COST   113.55   253.75

STN INTERNATIONAL LOGOFF AT 13:05:56 ON 08 MAY 2007
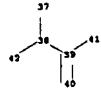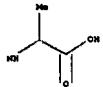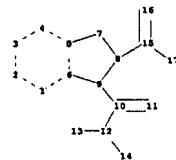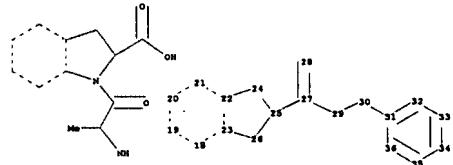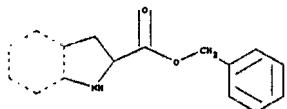
chain nodes :
10 11 12 13 14 15 16 17 27 28 29 30 37 38 39 40 41 42
ring nodes :
1 2 3 4 5 6 7 8 9 18 19 20 21 22 23 24 25 26 31 32 33 34 35 36
chain bonds :
8-15 9-10 10-11 10-12 12-13 12-14 15-16 15-17 25-27 27-28 27-29 29-30 30-31
37-38 38-39 38-42 39-40 39-41
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 18-19 18-23 19-20 20-21 21-22
22-23 22-24 23-26 24-25 25-26 31-32 31-36 32-33 33-34 34-35 35-36
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 9-10 10-11 12-14 18-19 18-23 19-20
 20-21 21-22 22-23 22-24 23-26 24-25 25-26 27-28 27-29 38-42
exact bonds :
8-15 10-12 12-13 25-27 29-30 30-31 37-38 38-39
normalized bonds :
15-16 15-17 31-32 31-36 32-33 33-34 34-35 35-36 39-40 39-41

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:CLASS
38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS
fragments assigned product role:
containing 1
fragments assigned reactant/reagent role:
containing 18
containing 37

L1   STRUCTURE UPLOADED

Compounds - May 8, 2007

10/582,419

```
=> d
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l1 full
FULL SEARCH INITIATED 13:04:40 FILE 'CASREACT'
SCREENING COMPLETE -      616 REACTIONS TO VERIFY FROM        61 DOCUMENTS

100.0% DONE     616 VERIFIED     58 HIT RXNS                   23 DOCS
SEARCH TIME: 00.00.02

L2           23 SEA SSS FUL L1 (    58 REACTIONS)

=> d ibib 1-23
```

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	548/452.ccls. and perindopril	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 15:09